

Sub B2 cont.

~~Claim 4 (new) The identification tag of claim 3, wherein there is at least one capacitor that stores radio wave energy received by the antenna.~~

~~Claim 5 (new) The capacitor of claim 4, wherein energy to power the identification tag is supplied by this capacitor.~~

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~~Claim 6 (new) The identification tag of claim 3, wherein there is at least one antenna for receiving the information and programming.~~

~~Claim 7 (new) The identification tag of claim 3, wherein there is at least one antenna for receiving radio wave energy.~~

~~Claim 8 (new) The antenna of claim 7, wherein at least one antenna for receiving radio energy is used for receiving radio wave energy.~~

~~Claim 9 (new) The identification tag of claim 3, wherein there is at least one antenna for transmitting information from the application specific integrated circuit.~~

~~Claim 10 (new) The identification tag of claim 9, wherein the antenna for transmitting information is powered by a capacitor or ~~capacitors which store energy.~~~~

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cont.*

Claim 11 (new) The identification tag of claim 3, wherein energy can be received from sources such as microwaves, infrared, visible light and ultraviolet light.

Claim 12 (new) The identification tag of claim 3, wherein the write control contains at least one memory section for storing information.

Cont.

Claim 13 (new) The identification tag of claim 12 wherein the memory is a nonvolatile memory.

Claim 14 (new) The identification tag of claim 3, wherein at least one multiplexer controls flow of information and data.

Claim 15 (new) The identification tag of claim 3, wherein at least one pulse generating circuit is used.

Claim 16 (new) The identification tag of claim 3, wherein information received is in analog form.

Claim 17 (new) The identification tag of claim 3, wherein information received is in digital form.

Claim 18 (new) The identification tag of claim 3, wherein information transmitted is in analog form.

Claim 19 (new) The identification tag of claim 3, wherein information transmitted is in digital form.

Claim 20 (new) The identification tag of claim 3, wherein there is at least one clock generator circuit.

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Cont.
Claim 21 (new) The identification tag of claim 3, wherein there is at least one shift register circuit.

Claim 22 (new) The identification tag of claim 9, wherein the antenna for transmitting information is a back scatter type antenna.

Claim 23 (new) The identification tag of claim 3, wherein all circuits, capacitor(s) and antennas are built onto the same integrated circuit.

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Claim 24 (new) The identification tag of claim 23, wherein the integrated circuit is built onto different materials, such as silicone, germanium, GaAs, sapphire, or diamond.

Claim 25 (new) The identification tag of claim 23, wherein the integrated circuit is mounted on different materials such as silicone, germanium, GaAs, sapphire or diamond.